

## Combined Techniques Aid in Early Diagnosis of Metastatic Cancer to the Bone: Forum

A combination of two techniques is being used at Duke University medical center as aids in early diagnosis of metastatic cancer to the bone.

Wayne B. Venters and Frank W. Clipping, professor of orthopedic surgery, at Duke, told the Forum on Fundamental Surgical Problems, that thermography is used as the primary diagnostic procedure and, if possible, is followed by a radioactive scan using strontium 85.

The thermograph was applied to the bone problem by the Duke group because patients with primary cancer elsewhere would complain of severe bone pain without evidence of a malignant disease. If the thermograph is positive, strontium 85, a bone-seeking radioactive substance, is injected into the body.

Thirteen patients have been evaluated thus far and 10 have demonstrated cancer. The thermogram and strontium scan correlated well in 11 cases. In two, the thermogram was positive, but the strontium 85 scan was negative.

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## Dr. Dragstedt Honored



Smiling appreciatively, Lester R. Dragstedt (right) accepts the Distinguished Service Award and Gold Medal of the American Surgical Association. William A. Altemeier, president of the Association made the presentation. Dr. Dragstedt, first recipient of this honor, spoke at Monday's opening Congress ceremony on William Beaumont, surgeon and pioneer in gastric physiology.

## College Will Confer Five Honorary Fellowships at Thursday's Convocation

Five distinguished surgeons—from England, France, Switzerland, U.S.S.R., and Japan—will become Honorary Fellows of the

College at the Convocation tomorrow evening. The ceremony, an impressive College tradition, will commence at 8:30 p.m. in the International Ballroom of the Conrad Hilton Hotel.



Prof. Maki

The five surgeons are: Prof. Tetsuo Maki, Sendai, Japan; Prof. Maurice Mercadier, Paris; Sir John Peel, London; Prof. Boris Petrov, Moscow; Prof. Ake Senning, Zurich.

## Scudder Orator Cites Need for Emergency Care Manpower

The gap between what is known about the care of accident victims and what is practiced is wider than for any other disease, William T. Fitts, Jr., of Philadelphia, said yesterday in delivering the Scudder Oration on Trauma.

Deficiencies lie in resuscitation, transportation and care of the injured in the hospital, he said. More patients would be salvaged if adequate airway was accomplished, intravenous fluids administered and chest tubes, either singly or in combination, inserted on the scene or in transportation.

Dr. Fitts analyzed 950 deaths from injuries in Philadelphia and concluded that 50 had been salvageable. "Of these, all but two died having had mistakes made at the hospital that we thought attributed to their death," he said. "Chief among these mistakes were errors in diagnosis, failure to maintain an adequate blood volume and failure to have specialized care early enough."

From this study and others, it is clear that the great need is for manpower, the speaker said. The first priority in ideal care for the injured patient must come from the recruitment of men and women, both medical and para-medical personnel.

"We must start in the medical schools by

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Dr. Maki, who specializes in general surgery, is professor and chief of surgery, Tohoku University School of Medicine, Kitayobancho, in Sendai; and he is director of the Tohoku University Hospital. He serves as president, this year, of the Japan Surgical Society's 70th annual Congress.

Dr. Mercadier is professor of surgery, University of Paris Faculty of Medicine, and chief of surgery at Pitie Salpetriere Hospital, as well as attending surgeon, American Hospital of Paris. He is a Chevalier of the Legion of Honor.

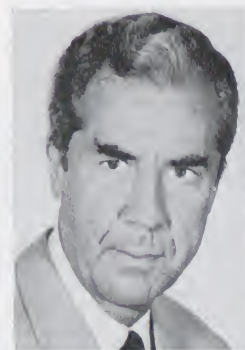


Prof. Mercadier



Sir John

Sir John, lecturer emeritus in obstetrics and gynecology, King's College Hospital Medical School in London, is a consulting surgeon in that specialty at King's College Hospital. Gynecologic surgeon to Her Majesty the Queen, he is a Knight Commander, Royal Victorian Order. Sir John is president-elect of the British Medical Association.



Prof. Senning



Prof. Petrov

Prof. Petrov, chief surgeon at the Sklifosovsky Institute in Moscow, is a member of the U.S.S.R. Academy of Medical Scientists, the International Society of Surgeons, and the Moscow Surgical Society. In 1952 he was awarded the prestigious Russian award, the State Prize.

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## Geo. F. Cahill Gives Ravdin Lecture Today

George F. Cahill, Jr., M.D., Boston, will give the I. S. Ravdin Lecture in the Basic Sciences this afternoon at 1:30 p.m. in the Prudential Building Auditorium, Prudential Plaza.



Dr. Cahill

Dr. Cahill will speak on "Body Fuels and Their Metabolism." Professor of medicine at Harvard Medical School, Dr. Cahill serves, also, as director of the Elliott P. Joslin Research Laboratories.

Receiving his M.D. degree from Columbia in 1953, Dr. Cahill began practicing medicine in Boston in 1953, specializing in metabolic disease. He joined the Harvard faculty that same year. He serves as a member of the metabolism study section of the National Institutes of Health.

Dr. Cahill is a Diplomate of the American Board of Internal Medicine, and a member of the American Diabetes Association. He received that organization's Lilly Award in 1965. He has served as editor or associate editor, and on the editorial boards of numerous scientific journals related to his special field, and has published widely.

### On Tonight's Social Agenda

Correct time for tonight's Columbia P & S and Presbyterian Hospital Alumni Reception is 6-8 p.m., Mayfair Room, Blackstone.

Matthew Walker Surgical Club will meet at 6:30 p.m. at Johnny's Steak House, 501 South Wabash Avenue.

Residents of Albert Einstein College of Medicine are planning a dinner for 7 p.m. at Diamond Jim's, corner of North Dearborn and Randolph Streets.

## Day's Surgery on TV

Again today, as each day of this Congress week, the color television transmittal of surgical procedures being performed at the University of Illinois Hospital, will get underway at 10 a.m. in the Great Hall of the Pick-Congress Hotel.



Dr. Moss

Gerald S. Moss, Chicago, performs the first operation of the day, a peripheral arterial procedure.

Frank Cole Spencer, New York, will be moderator. He will work with panelists E. Stanley Crawford,

Houston; James A. DeWeese, Rochester, N.Y., and Jack A. Cannon, Phoenix.

First up, at 2 p.m., Chicago surgeons Robert D. Ray and Jorge Galante will perform a low friction total hip arthroplasty. Moderator Mark G. Lazansky, New York, will transmit viewer questions put to studio-based panelists Frank P. Patterson, Vancouver, B.C.; William F. Hejna, Chicago, and Arthur M. Pappas, Boston.



Dr. Ray



Dr. Galante

At 3:30 p.m., the surgical telecast on inguinal hernia repairs will provide a Congress "first"—when, *two separate surgical procedures will be carried on simultaneously.*

Lloyd M. Nyhus and Robert E. Condon will be the participating Chicago surgeons.

## International Cardiology and Cardiac Surgery Conference, May 26-29, 1971; Melbourne, Australia to Be Site

Melbourne, Australia, will be the site of an International Cardiology and Cardiac Surgery Conference, to be held May 26-29, 1971, in conjunction with a College of Physicians meeting.

Slated for discussion will be such topics as coronary artery disease, both medical and surgical; congenital heart disease, with emphasis on transposition of the great arteries and surgical techniques in the neo-natal period; and such aspects of acquired heart disease as valve replacement, dissecting aortic aneurysms, and cardiac transplantation.

## Viet Nam Surgeons Get Together

One of the more unique social gatherings of this Congress week will take place Thursday evening, October 15, when a group of surgeons—military and civilian—who have served on surgical duty in Viet Nam gather together, 5:30 to 7:30 p.m., in Room 2 on the Third Floor of the Conrad Hilton Hotel.

Known, rather informally, as the Société Chirurgicale Indochinoise, the organization came into being originally as the idea of Col. James P. Geiger who served in Viet Nam from June, 1969 to June, 1970. Col. Geiger, currently, is chief of thoracic surgery, Walter Reed Hospital.

"Because these men share a common bond of experience, this organization is intended to provide the medium for maintaining the friendships and professional contacts established in Viet Nam," says Col. Geiger.

### Once Again for Roswell Parkers

Roswell Park Surgical Society will have its annual luncheon meeting in the Belair Room of the Hilton Hotel at 12 noon, Wednesday.

## Scudder Orator

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enlisting the support and enthusiasm of future physicians," he said. "The climate is favorable. The medical student of today is attracted to social problems. Better care of the injured, given low priority by the profession until now, will challenge his imagination and compassion.

"Since trauma respects no organ system, its teaching is ideal for a multi-disciplined approach. The trauma service and the trauma conference tend to unify surgery and its specialties rather than to splinter them."

Nurses must have training courses as well, Dr. Fitts said. They must be taught medical care, not nursing care. Technical personnel should be taught to work both in the hospital and resuscitation ambulances.

The new concept of resuscitation ambulances identifies the responsibility of ambulance services to provide more than transportation; namely, "that all ambulances be equipped with certain lifesaving equipment and manned by at least two persons trained in specified areas of emergency care," the speaker said.



Paying Close Attention: Six of the top ACS officers direct their concentrated attention to proceedings at the Congress' Monday a.m. opening. They are, from left: J. Englebert Dunphy, vice chairman, Board of Regents; William P. Longmire, Jr., chairman, Board of Regents; ACS treasurer H. William Scott; secretary Floyd H. Jergesen; second vice president Edward S. Judd, Rochester, Minn.; first vice president Francis D. Moore.



## Safety Council Award Goes to Rudolf Noer

Rudolf J. Noer, professor and chairman of the department of surgery, University of Louisville School of Medicine, and chairman of the ACS Board of Governors, was honored Monday evening by the National Safety Council in being named recipient of that organization's 1970 Surgeon's Award for Distinguished Service to Safety.

Council President Howard Pyle made the presentation at the annual dinner of the Committee on Trauma. The Surgeon's Award is given annually to honor surgeons or surgical organizations for significant contributions to the prevention and treatment of accidental injuries.



"Thank you, Howard," says Rudi

A distinguished surgeon, teacher, and scholar, Dr. Noer has long been active in trauma and emergency medical care. A past president of the American Association for the Surgery of Trauma, it was he who in 1960 initiated—and served as first editor of—the prestigious *Journal of Trauma*. And it is he who has been largely responsible for the *Journal's* growth and development.

Dr. Noer is credited, too, with the development of the concept of total immediate care for patients with multiple and serious injuries.

A member of the ACS Committee on Trauma since 1961, Dr. Noer is a member of the American Surgical Association, and past president of the Southern Surgical Association, Central Surgical Association, Western Surgical Association, and the Society of University Surgeons.

### Registration Totals

By 5 p.m. Tuesday, registration at the Clinical Congress added up to:

Doctors.....	8,691
Ladies.....	2,109
Industrial Exhibitors.....	1,704
Visitors.....	128
Staff & Press.....	197

Total..... 12,829

A good Chicago record is in the making, because three years ago the attendance total—as of Thursday, *not* Tuesday, stood at 12,673. So, Congress 1970—in Chicago—is already running ahead of Congress 1967.

## Forum Papers

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tive. There were no false negative thermograms.

With scans and thermograms as guides, radiation therapy is used with more accuracy, Dr. Venters said.

Silver nitrate solution and Sulfamylon hydrochloride solution can be incorporated into the dressings of meshed skin graft to prevent or treat infection without retarding the rate of healing, according to a report presented by a group of investigators from St. Louis University School of Medicine.

The two topical antibacterial agents have been instrumental in reducing the mortality rate of burns during the past decade. However, they have been shown to retard healing of the wound. Meshed skin grafts have become useful in resurfacing extensive burns. This method does leave raw tissue exposed in the interstices of the meshed graft which is susceptible to infection until coalescence of the graft.

The investigators have produced full thickness skin losses in guinea pigs and then resurfaced these wounds in meshed skin grafts. The rates of healing after treating with silver nitrate, Sulfamylon acetate cream, or Sulfamylon hydrochloride solution were then compared to a control group. Results of the study have shown that the healing rate of meshed

skin grafts will not be retarded by incorporating these compounds.

Authors of the study were J. R. Jarrett, Tolbert S. Wilkinson, and Francis X. Paletta.

A new method of therapy, using large amounts of cortisone-like drugs, has reduced the incidence of death from respiratory distress developing following fractures of the legs, a group from the Harvard Medical School department of surgery, Massachusetts General Hospital, Boston, reported to Tuesday's Forum.

### Ulcer Procedure

A procedure for producing a standard chronic gastric or duodenal ulcer which will heal only when acid pepsin production by the stomach is reduced below critical level was described by Tetsuhiko Hatafuku, Tohoku, University of Medicine, Seiryomachi, Japan, and Alan P. Thal, University of Kansas Medical Center.

The well-tolerated ulcer has a predictable rate of healing. It offers a way to study the effects of various types of operations and non-operative treatment such as gastric freezing, drugs and antacids.

The full thickness ulcer, two centimeters in diameter, is created on the anterior wall of the stomach or duodenum by a cork borer. Its base is then sealed with a patch graft. Stimulation of the ulcer to perforation was accomplished by daily injection of histamine.



Sharing a moment of good "fellowship," at the Commission on Cancer's reception and dinner (in the usual order): Arthur I. Holleb, New York; H. Marvin Pollard, Ann Arbor; Murray M. Copeland, Houston.

### Graduate Surgeons

The Society of Graduate Surgeons of the Los Angeles County General Hospital will hold a cocktail reception in Private Dining Room No. 2 at the Hilton today from 6 to 8 p.m. Members, and honorary members, including previous guest speakers, are invited.

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### Loma Linda Surgeons

The Society of Loma Linda University Surgeons will meet for dinner Wednesday evening, Oct. 14, at 7:15 p.m. in the Staff Dining Room of the Hinsdale Sanitarium and Hospital. Following dinner, David B. Hinshaw, Dean, Loma Linda University School of Medicine, will speak on "Medical Education Streamlined for the Jet Age." Bus transportation is arranged leaving the south entrance of the Conrad Hilton Hotel at 6:30 p.m. All alumni, wives, and friends are urged to attend.



William C. Grabb, Ann Arbor (left), and Alfred B. Swanson, Grand Rapids, share "stage center" as two of the participants in the panel discussion dealing with "Advances in Surgery of the Hand."

### North Carolinians

University of North Carolina surgical alumni will have a reception today in suite 1721 at the Hilton from 6:30 to 8:30 p.m.



## Five Honorary Fellows

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Dr. Senning, Swedish by birth and retaining Swedish citizenship, is professor of surgery, University of Zurich, and director of surgery at the University Clinic A, Kantonsspital, in Zurich. He specializes in cardiovascular surgery and is an honorary member of the American Association for Thoracic Surgery.

Each of the Fellows-elect is a participant in this week's Clinical Congress program. Earlier this week, on Tuesday, Sir John served as moderator of a panel discussion dealing with pelvic infection. Tomorrow, Prof. Maki will give a paper on "The Role of Glycoprotein in Gallstone Formation." Tomorrow, too, Prof. Mercadier will give a report on "Thirty-three Cases of Hepatic Lobectomy," and will serve as instructor in the Postgraduate Course on "Diseases of the Liver, Biliary Tract and Pancreas."

Profs. Senning and Petrov, likewise, will contribute significantly to the scientific program of the Congress. Prof. Senning, on Friday, will present a report on "Biologic Tissue Valves," as part of a morning Postgraduate session dealing with acquired heart disease.

Prof. Petrov, on Friday, also, will give a film-paper presentation on television in the Great Hall of the Pick-Congress Hotel at approximately 11:30 a.m. His subject is to be "Artificial Esophagus from the Right Colon." It will follow immediately after the telecast on esophageal procedure.

### Karl A. Meyer Surgical Society

Karl A. Meyer Surgical Society members are having a cocktail reception in the Crystal Ballroom at the Sheraton-Blackstone today from 5:30 to 7:30 p.m. Associates of Dr. Meyer are invited to attend this party.

### Methodist Hospital, Brooklyn

Members of the staff and resident alumni of the Methodist Hospital of Brooklyn will meet for cocktails in Room 1512 of the Essex Inn, 6-8 p.m.

## Get Films In Early

Film information forms for the 1971 Motion Picture Exhibition of the Clinical Congress are available in the Motion Picture Office, Parlor 545, Conrad Hilton Hotel.

Interested surgeons are reminded that these information forms should be received at the College no later than January 15, 1971, and that films should reach the College prior to March 1, 1971.

It is anticipated that submissions this year will be unusually heavy, and it is suggested that all films for the Motion Picture Exhibition be submitted as early as possible.

## "The Surgical Motion Picture—Production Guidelines" for MDs

A helpful new booklet, "The Surgical Motion Picture—Production Guidelines," produced by the Committee on Medical Motion Pictures of the College, as a service of Ethicon, Inc., is proving to be a popular give-away item at the Committee's exhibit—Booth S-63 in the Scientific Exhibition, Conrad Hilton Hotel.

Designed to provide a doctor with the "how-to-do-it" information he will require before undertaking to produce a surgical motion picture, it covers the preplanning stages, filming, editing, artwork, and narration.

Appropriately enough, the booklet is dedicated to Hilger Perry Jenkins, who died last January, and whose lifelong interest in the employment of audio-visual aids as educational tools in surgical education did so much to shape and develop the entire motion picture program of the College.

## OUR FOREIGN GUESTS



A firm handshake and a few words of personal greeting from Director C. Rollins Hanlon to Robert C. Lim, now of San Francisco. Dr. Hanlon and Mrs. Rudolf Noer, Louisville (in background), were in the receiving line at the Reception for Foreign Guests.



Always one of the best attended among the officially scheduled social events of any Congress week, this year's Reception for Foreign Guests proved no exception. Witness, if proof be needed, the above assembled group of sociable folks. Too numerous to identify individually, they hail—collectively—from such diverse global areas as Japan, Mexico, and the Philippines.



They were there, too. That's Fritz Linder, Heidelberg, Germany (far left), and his surgeon son, Malte Linder, Frankfurt, caught by the same camera lens—same reception. They seem amused by whatever conversational tidbit Board of Regents chairman William P. Longmire, Jr. is sharing with Regent John I. Brewer, Chicago.